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DOCKET NO.: C1041.70005US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wagner et al.
Serial No.: 10/811,226
Confirmation No.: 1072
Filed: March 26, 2004
For: PHARMACEUTICAL COMPOSITION COMPRISING A POLYNUCLEOTIDE AND
OPTIONALLY AN ANTIGEN ESPECIALLY FOR VACCINATION
Examiner: Not Yet Assigned
Art Unit: 1614

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 24th day of October, 2006.

Emily E. Zukauskas

MAIL STOP AMENDMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- Information Disclosure Statement
- PTO Form 1449 with cited references
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

By:

Helen C. Lockhart, Ph.D., Reg. No.: 39,248
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600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

Docket No.: C1041.70005US01
Date: October 24, 2006
xNDDx



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Emily E. Zukauskas

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
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STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing of a first Office action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Docket No.</u>
09/316,199	05-21-1999	McCluskie et al.	*C1040.70006US00
09/337,584	06-21-1999	Krieg et al.	*C1039.70020US00
09/337,893	06-21-1999	Krieg	*C1039.70022US00
09/630,319	07-31-2000	Krieg et al.	*C1039.70042US00
09/655,319	09-05-2000	Krieg et al.	C1039.70041US00
09/669,187	09-25-2000	Krieg et al.	*C1039.70035US00
09/786,436	09-03-1999	Wagner et al.	C1041.70010US00
10/187,489	07-02-2002	Krieg et al.	C1039.70062US00
10/532,746	09-09-2005	Ahluwalia et al.	*C1037.70035US01
11/179,008	07-08-2005	Hartmann et al.	*C1039.70044US02
11/401,093	04-10-2006	Krieg et al.	*C1037.70062US01
11/411,975	04-26-2006	Uhlmann et al.	*C1041.70045US01
11/503,377	08-11-2006	Krieg et al.	*C1039.70061US01
11/503,483	08-11-2006	Krieg et al.	*C1039.70048US22
11/507,079	08-18-2006	Krieg et al.	*C1039.70035US04
11/526,197	09-22-2006	Krieg et al.	*C1039.70048US23
11/526,896	09-22-2006	Bratzler et al.	*C1037.70013US03
11/542,845	10-04-2006	Krieg et al.	*C1037.70048US01
11/543,314	10-04-2006	Lipford et al.	*C1041.70036US02

*A copy of this reference is not provided as the Office has waived the requirement under 37 C.F.R. 1.98(a)(2)(iii) for submitting a copy of a cited U.S. patent application if it is scanned to the Image File Wrapper system and is available on Private PAIR.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

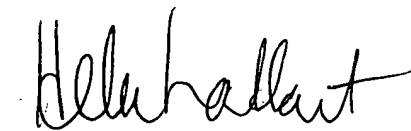
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

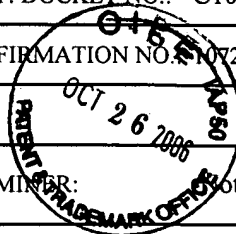
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FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/811,226	ATTY. DOCKET NO.: C1041.70005US01
				FILING DATE: March 26, 2004	CONFIRMATION NO.: 81072
				APPLICANT: Wagner et al.	
				GROUP ART UNIT: 1614	EXAMINER: Not Yet Assigned
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U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	A1	4,452,775		Kent	06-05-1984
	A2	5,595,756		Bally et al.	01-21-1997
	A3	5,663,153		Hutcherson et al.	09-02-1997
	A4	5,723,335		Hutcherson et al.	03-03-1998
	A5	5,753,613		Ansell et al.	05-19-1998
	A6	5,780,448		Davis	07-14-1998
	A7	5,785,992		Ansell et al.	07-28-1998
	A8	5,849,719		Carson et al.	12-15-1998
	A9	5,965,542		Wasan et al.	10-12-1999
	A10	5,976,567		Wheeler et al.	11-02-1999
	A11	5,981,501		Wheeler et al.	11-09-1999
	A12	6,004,534		Langer et al.	12-21-1999
	A13	6,027,726		Ansell	02-22-2000
	A14	6,090,791		Sato et al.	07-18-2000
	A15	6,110,745		Zhang et al.	08-29-2000
	A16	6,174,872	B1	Carson et al.	01-16-2001
	A17	6,194,388	B1	Krieg et al.	02-27-2001
	A18	6,207,646	B1	Krieg et al.	03-27-2001
	A19	6,214,806	B1	Krieg et al.	04-10-2001
	A20	6,218,371	B1	Krieg et al.	04-17-2001
	A21	6,221,882		Macfarlane	04-24-2001
	A22	6,239,116	B1	Krieg et al.	05-29-2001
	A23	6,339,068	B1	Krieg et al.	01-15-2002
	A24	6,339,630		Macfarlane	06-04-2002
	A25	6,248,720	B1	Mathiowitz et al.	06-19-2001
	A26	6,406,705	B1	Davis et al.	06-18-2002
	A27	6,426,336	B1	Carson et al.	07-30-2002
	A28	6,429,199	B1	Krieg et al.	08-06-2002
	A29	6,479,504		Macfarlane et al.	11-12-2002
	A30	6,498,148	B1	Raz	12-24-2002
	A31	6,514,948	B1	Raz et al.	02-04-2003
	A32	6,521,637		Macfarlane	02-18-2003

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/811,226		ATTY. DOCKET NO.: C1041.70005US01	
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				GROUP ART UNIT: 1614		EXAMINER: Not Yet Assigned	
Sheet	2	of	13				

	A33	6,562,798	B1	Schwartz	05-13-2003
	A34	6,589,940	B1	Raz et al.	07-08-2003
	A35	6,610,308		Haensler	08-26-2003
	A36	6,610,661	B1	Carson et al.	08-26-2003
	A37	6,630,455	B1	Mitchell	10-07-2003
	A38	6,653,292	B1	Krieg et al.	11-25-2003
	A39	6,693,086	B1	Dow et al.	02-17-2004
	A40	6,727,230	B1	Hutcherson et al.	04-27-2004
	A41	6,821,957	B1	Krieg et al.	11-23-2004
	A42	6,835,395	B1	Semple et al.	12-28-2004
	A43	6,943,240		Bauer et al.	09-13-2005
	A44	6,949,520		Hartmann et al.	09-27-2005
	A45	6,951,845		Carson et al.	10-04-2005
	A46	7,001,890		Wagner et al.	02-26-2006
	A47	2002-0055477	A1	Van Nest et al.	05-09-2002
	A48	2002-0086839	A1	Raz et al.	07-04-2002
	A49	2002-0091097	A1	Bratzler et al.	07-11-2002
	A50	2002-0164341	A1	Davis et al.	11-07-2002
	A51	2003-0022852	A1	Van Nest et al.	01-30-2003
	A52	2003-0026801	A1	Weiner et al.	02-06-2003
	A53	2003-0027782	A1	Carson et al.	02-06-2003
	A54	2003-0050261	A1	Krieg et al.	03-13-2003
	A55	2003-0050268	A1	Krieg et al.	03-13-2003
	A56	2003-0059773	A1	Van Nest et al.	03-27-2003
	A57	2003-0078223	A1	Raz et al.	04-24-2003
	A58	2003-0091599	A1	Davis et al.	05-15-2003
	A59	2003-0092663	A1	Raz et al.	05-15-2003
	A60	2003-0100527	A1	Krieg et al.	05-29-2003
	A61	2003-0104044	A1	Semple et al.	06-05-2003
	A62	2003-0109469	A1	Carson et al.	06-12-2003
	A63	2003-0119774	A1	Foldvari et al.	06-26-2003
	A64	2003-0119773	A1	Raz et al.	06-26-2003
	A65	2003-0129251	A1	Van Nest et al.	07-10-2003
	A66	2003-0133988	A1	Fearon et al.	07-17-2003
	A67	2003-0139364	A1	Krieg et al.	07-24-2003
	A68	2003-0148316	A1	Lipford et al.	08-07-2003

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	A69	2003-0148976	A1	Krieg et al.	08-07-2003
	A70	2003-0165478	A1	Sokoll et al.	09-04-2003
	A71	2003-0175731	A1	Fearon et al.	09-18-2003
	A72	2003-0181406	A1	Schetter et al.	09-25-2003
	A73	2003-0186921	A1	Carson et al.	10-02-2003
	A74	2003-0191079	A1	Krieg et al.	10-09-2003
	A75	2003-0199466	A1	Fearon et al.	10-23-2003
	A76	2003-0203861	A1	Carson et al.	10-30-2003
	A77	2003-0212026	A1	Krieg et al.	11-13-2003
	A78	2003-0224010	A1	Davis et al.	12-04-2003
	A79	2003-0225016	A1	Fearon et al.	12-04-2003
	A80	2003-0232074	A1	Lipford et al.	12-18-2003
	A81	2003-0232856	A1	Macfarlane	12-18-2003
	A82	2004-0006010	A1	Carson et al.	01-08-2004
	A83	2004-0006034	A1	Raz et al.	01-08-2004
	A84	2004-0009949	A1	Krieg	01-15-2004
	A85	2004-0013688	A1	Wise et al.	01-22-2004
	A86	2004-0030118	A1	Wagner et al.	02-12-2004
	A87	2004-0038922	A1	Haensler et al.	02-26-2004
	A88	2004-0047869	A1	Garcon et al.	03-11-2004
	A89	2004-0053880	A1	Krieg	03-18-2004
	A90	2004-0067902	A9	Bratzler et al.	04-08-2004
	A91	2004-0067905	A1	Krieg	04-08-2004
	A92	2004-0087534	A1	Krieg et al.	05-06-2004
	A93	2004-0087538	A1	Krieg et al.	05-06-2004
	A94	2004-0092472	A1	Krieg	05-13-2004
	A95	2004-0092468	A1	Schwartz et al.	05-13-2004
	A96	2004-0106568	A1	Krieg et al.	06-03-2004
	A97	2004-0131628	A1	Bratzler et al.	07-08-2004
	A98	2004-0132677	A1	Fearon et al.	07-08-2004
	A99	2004-0132685	A1	Krieg et al.	07-08-2004
	A100	2004-0136948	A1	Fearon et al.	07-15-2004
	A101	2004-0142469	A1	Krieg et al.	07-22-2004
	A102	2004-0143112	A1	Krieg et al.	07-22-2004
	A103	2004-0147468	A1	Krieg et al.	07-29-2004
	A104	2004-0152649	A1	Krieg	08-05-2004

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Sheet	4	of	13						

	A105	2004-0152656	A1	Krieg et al.	08-05-2004
	A106	2004-0152657	A1	Krieg et al.	08-05-2004
	A107	2004-0157791	A1	Dow et al.	08-12-2004
	A108	2004-0162258	A1	Krieg et al.	08-19-2004
	A109	2004-0162262	A1	Krieg et al.	08-19-2004
	A110	2004-0167089	A1	Krieg et al.	08-26-2004
	A111	2004-0171150	A1	Krieg et al.	09-02-2004
	A112	2004-0171571	A1	Krieg et al.	09-02-2004
	A113	2004-0181045	A1	Krieg et al.	09-16-2004
	A114	2004-0198680	A1	Krieg	10-07-2004
	A115	2004-0198688	A1	Krieg et al.	10-07-2004
	A116	2004-0229835	A1	Krieg et al.	11-18-2004
	A117	2004-0234512	A1	Wagner et al.	11-25-2004
	A118	2004-0235770	A1	Davis et al.	11-25-2004
	A119	2004-0235774	A1	Bratzler et al.	11-25-2004
	A120	2004-0235777	A1	Wagner et al.	11-25-2004
	A121	2004-0235778	A1	Wagner et al.	11-25-2004
	A122	2004-0247662	A1	Dow et al.	12-09-2004
	A123	2004-0248837	A1	Raz et al.	12-09-2004
	A124	2004-0266719	A1	McCluskie et al.	12-30-2004
	A125	2005-0004061	A1	Krieg et al.	01-06-2005
	A126	2005-0004062	A1	Krieg et al.	01-06-2005
	A127	2005-0004144	A1	Carson et al.	01-06-2005
	A128	2005-0009774	A1	Krieg et al.	01-13-2005
	A129	2005-0013812	A1	Dow et al.	01-20-2005
	A130	2005-0032734	A1	Davis et al.	02-10-2005
	A131	2005-0032736	A1	Krieg et al.	02-10-2005
	A132	2005-0037403	A1	Krieg et al.	02-17-2005
	A133	2005-0037985	A1	Krieg et al.	02-17-2005
	A134	2005-0043529	A1	Davis et al.	02-24-2005
	A135	2005-0049215	A1	Krieg et al.	03-03-2005
	A136	2005-0049216	A1	Krieg et al.	03-03-2005
	A137	2005-0054601	A1	Wagner et al.	03-10-2005
	A138	2005-0054602	A1	Krieg et al.	03-10-2005
	A139	2005-0059619	A1	Krieg et al.	03-17-2005
	A140	2005-0059625	A1	Krieg et al.	03-17-2005

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Sheet	5	of	13						

	A141	2005-0064401	A1	Olek et al.	03-24-2005
	A142	2005-0070491	A1	Krieg et al.	03-31-2005
	A143	2005-0075302	A1	Hutcherson et al.	04-07-2005
	A144	2005-0176672	A1	Scheule et al.	08-11-2005
	A145	2005-0191342	A1	Tam et al.	09-01-2005
	A146	2005-0100983	A1	Bauer et al.	05-12-2005
	A147	2005-0101554	A1	Krieg et al.	05-12-2005
	A148	2005-0101557	A1	Krieg et al.	05-12-2005
	A149	2005-0119273	A1	Lipford et al.	06-02-2005
	A150	2005-0123523	A1	Krieg et al.	06-09-2005
	A151	2005-0130911	A1	Uhlmann et al.	06-16-2005
	A152	2005-0148537	A1	Krieg et al.	07-07-2005
	A153	2005-0169888	A1	Hartman et al.	08-04-2005
	A154	2005-0171047	A1	Krieg et al.	08-04-2005
	A155	2005-0181422	A1	Bauer et al.	08-18-2005
	A156	2005-0182017	A1	Krieg	08-18-2005
	A157	2005-0197314	A1	Krieg et al.	09-08-2005
	A158	2005-0209184	A1	Klinman et al.	09-22-2005
	A159	2005-0214355		Klinman et al.	09-29-2005
	A160	2005-0215500	A1	Krieg et al.	09-29-2005
	A161	2005-0215501	A1	Lipford et al.	09-29-2005
	A162	2005-0233995	A1	Krieg et al.	10-20-2005
	A163	2005-0233999	A1	Krieg et al.	10-20-2005
	A164	2005-0239732	A1	Krieg et al.	10-27-2005
	A165	2005-0239733	A1	Jurk et al.	10-27-2005
	A166	2005-0239734	A1	Uhlmann et al.	10-27-2005
	A167	2005-0239736	A1	Krieg et al.	10-27-2005
	A168	2005-0245477	A1	Krieg et al.	11-03-2005
	A169	2005-0244379	A1	Krieg et al.	11-03-2005
	A170	2005-0244380	A1	Krieg et al.	11-03-2005
	A171	2005-0249794	A1	Semple et al.	11-10-2005
	A172	2005-0250726	A1	Krieg et al.	11-10-2005
	A173	2005-0256073	A1	Lipford et al.	11-17-2005
	A174	2005-0267057	A1	Krieg	12-01-2005
	A175	2005-0267064	A1	Krieg et al.	12-01-2005
	A176	2005-0277604	A1	Krieg et al.	12-15-2005

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	A177	2005-0277609	A1	Krieg et al.	12-15-2005
	A178	2006-0003955	A1	Krieg et al.	01-05-2006
	A179	2006-0003962	A1	Ahluwalia et al.	01-05-2006
	A180	2006-0019916	A1	Krieg et al.	01-26-2006
	A181	2006-0019923	A1	Davis et al.	01-26-2006
	A182	2006-0058251	A1	Krieg et al.	03-16-2006
	A183	2006-0089326	A1	Krieg et al.	04-27-2006
	A184	2006-0094683	A1	Krieg et al.	05-04-2006
	A185	2006-0140875	A1	Krieg et al.	06-29-2006
	A186	2006-0154890	A1	Bratzler et al.	07-13-2006
	A187	2006-0172966	A1	Lipford et al.	08-03-2006
	A188	2006-0188913	A1	Krieg et al.	08-24-2006
	A189	2006-0211639	A1	Bratzler et al.	09-21-2006
	A190	2006-0211644	A1	Krieg et al.	09-21-2006

FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
	B1	EP	0 302 758	A1	New England Medical Center Hospitals,	02-08-1989	
	B2	EP	0 468 520	A2	Mitsui Toatsu Chemicals, Inc.	01-29-1992	
	B3	WO	95/24929	A2	Brown University Research Foundation	09-21-1995	
	B4	WO	96/02555	A1	University of Iowa Research Foundation	02-01-1996	
	B5	WO	97/03702	A1	Brown University Research Foundation	02-06-1997	
	B6	WO	97/30731	A3	The Immune Response Corporation	08-28-1997	
	B7	WO	97/42975	A2	Genemedicine Inc.	11-20-1997	
	B8	WO	98/29557	A1	Biovector Therapeutics	07-09-1998	Y-Abstract
	B9	WO	98/51278	A2	INEX Pharmaceuticals Corp.	11-19-1998	
	B10	WO	99/30686	A1	INEX Pharmaceuticals Corporation	06-24-1999	
	B11	WO	99/33493	A1	INEX Pharmaceuticals Corporation	07-08-1999	
	B12	WO	99/55743	A1	INEX Pharmaceuticals Corporation	11-04-1999	
	B13	WO	99/56755	A1	University of Iowa Research Foundation	11-11-1999	
	B14	WO	00/03683	A2	INEX Pharmaceuticals Corporation	01-27-2000	
	B15	WO	00/06588	A1	University of Iowa Research Foundation	02-10-2000	
	B16	WO	00/15256	A2	Pasteur Merieux Serums Et Vaccins [FR]	03-23-2000	Y-Abstract
	B17	WO	00/20039	A1	The Regents of the University of	04-13-2000	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/811,226		ATTY. DOCKET NO.: C1041.70005US01	
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	B18	WO	00/45849	A2	Genzyme Corporation	08-10-2000	
	B19	WO	00/46365	A1	Virginia Commonwealth University	08-10-2000	
	B20	WO	01/35991	A2	Dynavax Technologies Corporation	05-25-2001	
	B21	WO	01/68143	A2	Dynavax Technologies Corporation	09-20-2001	
	B22	WO	01/68144	A2	Dynavax Technologies Corporation	09-20-2001	
	B23	WO	02/28428	A2	Aventis Pasteur [FR]	04-11-2002	Y-Abstract
	B24	WO	03/000232	A2	Dynavax Technologies Corporation	01-03-2003	
	B25	WO	03/015816	A1	Dynavax Technologies Corporation	02-27-2003	
	B26	WO	03/026688	A1	Pharmaderm Laboratories, Ltd.	04-03-2003	
	B27	WO	03/066649	A1	Biomira Inc.	08-14-2003	
	B28	WO	2004/007743	A2	Coley Pharmaceutical GmbH	01-22-2004	
	B29	WO	2004/014322	A2	Dynavax Technologies Corp.	02-19-2004	
	B30	WO	2004/026888	A2	Coley Pharmaceutical GmbH	04-01-2004	
	B31	WO	2004/058159	A2	Dynavax Technologies Corp.	07-15-2004	
	B32	WO	2004/058179	A2	Dynavax Technologies Corp.	07-15-2004	
	B33	WO	2004/094671	A2	Coley Pharmaceutical GmbH	11-04-2004	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	C1	AGRAWAL et al., Pharmacokinetics of antisense oligonucleotides. Clin Pharmacokinet. 1995 Jan;28(1):7-16.	
	C2	AGRAWAL et al., Chapter 19: Pharmacokinetics and bioavailability of antisense oligonucleotides following oral and colorectal administrations in experimental animals. p525-43.	
	C3	AGRAWAL et al., Antisense oligonucleotides: towards clinical trials. Trends in Biotechnology, 1996; 14: 376-87.	
	C4	ALPAR et al., Potential of particulate carriers for the mucosal delivery of DNA vaccines. Biochem Soc Trans. 1997 May;25(2):337S.	
	C5	ANITESCU et al., Interleukin-10 functions in vitro and in vivo to inhibit bacterial DNA-induced secretion of interleukin-12. J Interferon Cytokine Res. 1997 Dec;17(12):781-8.	
	C6	BALLAS et al., Induction of NK activity in murine and human cells by CpG motifs in oligodeoxynucleotides and bacterial DNA. J Immunol. 1996 Sep 1;157(5):1840-5.	
	C7	BOGGS et al., Characterization and modulation of immune stimulation by modified oligonucleotides. Antisense Nucleic Acid Drug Dev. 1997 Oct;7(5):461-71.	
	C8	BOWERSOCK et al., Evaluation of an orally administered vaccine, using hydrogels containing bacterial exotoxins of Pasteurella haemolytica, in cattle. Am J Vet Res. 1994 Apr;55(4):502-9.	
	C9	CARPENTIER et al., Successful treatment of intracranial gliomas in rat by oligodeoxynucleotides containing CpG motifs. Clin Cancer Res. 2000 Jun;6(6):2469-73.	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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				APPLICANT: Wagner et al.			
				GROUP ART UNIT: 1614		EXAMINER: Not Yet Assigned	
Sheet	8	of	13				

	C10	CHACE et al., Bacterial DNA-induced NK cell IFN-gamma production is dependent on macrophage secretion of IL-12. Clin Immunol Immunopathol. 1997 Aug;84(2):185-93.	
	C11	CHATURVEDI et al., Stabilization of triple-stranded oligonucleotide complexes: use of probes containing alternating phosphodiester and stereo-uniform cationic phosphoramidate linkages. Nucleic Acids Res. 1996 Jun 15;24(12):2318-23.	
	C12	CHEN et al., Protective immunity induced by oral immunization with a rotavirus DNA vaccine encapsulated in microparticles. J Virol. 1998 Jul;72(7):5757-61.	
	C13	CHU et al., CpG oligodeoxynucleotides act as adjuvants that switch on T helper 1 (Th1) immunity. J Exp Med. 1997 Nov 17;186(10):1623-31.	
	C14	COWDERY et al., Bacterial DNA induces NK cells to produce IFN-gamma in vivo and increases the toxicity of lipopolysaccharides. J Immunol. 1996 Jun 15;156(12):4570-5.	
	C15	CROOKE et al., Phosphorothioate Oligonucleotides. Therapeut Apps. 1995;ch5:63-84.	
	C16	CRYZ et al., European Commission COST/STD Initiative. Report of the expert panel VII. Vaccine delivery systems. Vaccine. 1996 May;14(7):665-90.	
	C17	DAHESHIA et al., Immune induction and modulation by topical ocular administration of plasmid DNA encoding antigens and cytokines. Vaccine. 1998 Jul;16(11-12):1103-10.	
	C18	DASS et al., Immunostimulatory activity of cationic-lipid-nucleic-acid complexes against cancer. J Cancer Res Clin Oncol. 2002 Apr;128(4):177-81. Abstract Only.	
	C19	DELONG et al., Characterization of complexes of oligonucleotides with polyamidoamine starburst dendrimers and effects on intracellular delivery. J Pharm Sci. 1997 Jun;86(6):762-4. Abstract Only.	
	C20	ELDRIDGE et al., Biodegradable microspheres as a vaccine delivery system. Mol Immunol. 1991 Mar;28(3):287-94. Abstract Only.	
	C21	EMI et al., Gene transfer mediated by polyarginine requires a formation of big carrier-complex of DNA aggregate. Biochem Biophys Res Commun. 1997 Feb 13;231(2):421-4.	
	C22	FILION et al., Major limitations in the use of cationic liposomes for DNA delivery. Int J Pharmaceut. 1998; 162:159-70.	
	C23	FRALEY et al., New generation liposomes: the engineering of an efficient vehicle for intracellular delivery of nucleic acids. Trends Biochem Sci. 1981;6:77-80.	
	C24	GALLICHAN et al., Specific secretory immune responses in the female genital tract following intranasal immunization with a recombinant adenovirus expressing glycoprotein B of herpes simplex virus. Vaccine. 1995 Nov;13(16):1589-95.	
	C25	GOUTTEFANGEAS et al., Problem solving for tumor immunotherapy. Nat Biotechnol. 2000 May;18(5):491-2.	
	C26	GREGORIADIS et al., Liposomes for drugs and vaccines. Trends Biotechnol. 1985;3:235. Abstract Only.	
	C27	GREGORIADIS et al., Engineering liposomes for drug delivery: progress and problems. Trends Biotechnol. 1995 Dec;13(12):527-37.	
	C28	GURSEL et al., Sterically stabilized cationic liposomes improve the uptake and immunostimulatory activity of CpG oligonucleotides. J Immunol. 2001 Sep 15;167(6):3324-8.	
	C29	GURSEL et al., Differential and competitive activation of human immune cells by distinct classes of CpG oligodeoxynucleotide. J Leukoc Biol. 2002 May;71(5):813-20. Abstract Only.	
	C30	HAFNER et al., Antimetastatic effect of CpG DNA mediated by type I IFN. Cancer Res. 2001 Jul 15;61(14):5523-8.	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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				APPLICANT: Wagner et al.			
				GROUP ART UNIT: 1614		EXAMINER: Not Yet Assigned	
Sheet	9	of	13				

	C31	HALPERN et al., Bacterial DNA induces murine interferon-gamma production by stimulation of interleukin-12 and tumor necrosis factor-alpha. Cell Immunol. 1996 Jan 10;167(1):72-8.	
	C32	HANEBERG et al., Induction of specific immunoglobulin A in the small intestine, colon-rectum, and vagina measured by a new method for collection of secretions from local mucosal surfaces. Infect Immun. 1994 Jan;62(1):15-23.	
	C33	HARTMANN et al., Spontaneous and cationic lipid-mediated uptake of antisense oligonucleotides in human monocytes and lymphocytes. J Pharmacol Exp Ther. 1998 May;285(2):920-8.	
	C34	HAYNES et al., Particle-mediated nucleic acid immunization. J Biotechnol. 1996 Jan 26;44(1-3):37-42.	
	C35	HEDLEY et al., Microspheres containing plasmid-encoded antigens elicit cytotoxic T-cell responses. Nat Med. 1998 Mar;4(3):365-8.	
	C36	HUDSON et al., Nucleic acid dendrimers: Novel biopolymer structures. J Am Chem Soc. 1993;115:2119-24.	
	C37	HUNTER et al., Biodegradable microspheres containing group B Streptococcus vaccine: immune response in mice. Am J Obstet Gynecol. 2001 Nov;185(5):1174-9.	
	C38	JAKOB et al., Activation of cutaneous dendritic cells by CpG-containing oligodeoxynucleotides: a role for dendritic cells in the augmentation of Th1 responses by immunostimulatory DNA. J Immunol. 1998 Sep 15;161(6):3042-9.	
	C39	JASCHKE et al., Automated incorporation of polyethylene glycol into synthetic oligonucleotides. Tetrahedron Lett. 1993;34(2):301-4.	
	C40	JONES et al., Poly(DL-lactide-co-glycolide)-encapsulated plasmid DNA elicits systemic and mucosal antibody responses to encoded protein after oral administration. Vaccine. 1997 Jun;15(8):814-7.	
	C41	KATAOKA et al., Antitumor activity of synthetic oligonucleotides with sequences from cDNA encoding proteins of Mycobacterium bovis BCG. Jpn J Cancer Res. 1992 Mar;83(3):244-7.	
	C42	KATAOKA et al., Immunotherapeutic potential in guinea-pig tumor model of deoxyribonucleic acid from Mycobacterium bovis BCG complexed with poly-L-lysine and carboxymethylcellulose. Jpn J Med Sci Biol. 1990 Oct;43(5):171-82.	
	C43	KIMURA et al., Binding of oligoguanylate to scavenger receptors is required for oligonucleotides to augment NK cell activity and induce IFN. J Biochem (Tokyo). 1994 Nov;116(5):991-4.	
	C44	KLINMAN et al., Contribution of CpG motifs to the immunogenicity of DNA vaccines. J Immunol. 1997 Apr 15;158(8):3635-9.	
	C45	KLINMAN et al., CpG motifs present in bacteria DNA rapidly induce lymphocytes to secrete interleukin 6, interleukin 12, and interferon gamma. Proc Natl Acad Sci U S A. 1996 Apr 2;93(7):2879-83.	
	C46	KRIEG et al., American College of Rheumatology 58 th National Scientific Meeting. Minneapolis, Minnesota, October 22, 1994. Abstracts. Arthritis Rheum. 1994 Sep;37(9 Suppl).	
	C47	KRIEG et al., Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs. Antisense Nucleic Acid Drug Dev. 1996 Summer;6(2):133-9.	
	C48	KRIEG et al., Phosphorothioate oligodeoxynucleotides: antisense or anti-protein? Antisense Res Dev. 1995 Winter;5(4):241.	
	C49	KRIEG et al., Leukocyte stimulation by oligodeoxynucleotides, Applied Antisense Oligonucleotide Technology, 1998; 431-448.	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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				APPLICANT: Wagner et al.			
				GROUP ART UNIT: 1614		EXAMINER: Not Yet Assigned	
Sheet	10	of	13				

C50	KRIEG, CpG DNA: a pathogenic factor in systemic lupus erythematosus? J Clin Immunol. 1995 Nov;15(6):284-92.	
C51	KRIEG et al., CpG motifs in bacterial DNA trigger direct B-cell activation. Nature. 1995 Apr 6;374(6522):546-9.	
C52	KRIEG et al., Modification of antisense phosphodiester oligodeoxynucleotides by a 5' cholesteryl moiety increases cellular association and improves efficacy. Proc Natl Acad Sci U S A. 1993 Feb 1;90(3):1048-52.	
C53	KRIEG et al., The role of CpG dinucleotides in DNA vaccines. Trends Microbiol. 1998 Jan;6(1):23-7.	
C54	KRIEG, An innate immune defense mechanism based on the recognition of CpG motifs in microbial DNA. J Lab Clin Med. 1996 Aug;128(2):128-33.	
C55	KRIEG et al., Chapter 8: Immune Stimulation by Oligonucleotides. in Antisense Research and Application. Crooke, editor. 1998; 243-62.	
C56	KRIEG et al., A role for endogenous retroviral sequences in the regulation of lymphocyte activation. J Immunol. 1989 Oct 15;143(8):2448-51.	
C57	KRIEG et al., 1996 Meeting on Molecular Approaches to the Control of Infectious Diseases. Cold Spring Harbor Laboratory, September 9-13, 1996: p116.	
C58	KRIEG et al., The CpG motif: Implications for clinical immunology. BioDrugs. 1998 Nov 1;10(5):341-6.	
C59	KRIEG et al., Sequence motifs in adenoviral DNA block immune activation by stimulatory CpG motifs. Proc Natl Acad Sci U S A. 1998 Oct 13;95(21):12631-6.	
C60	KRIEG et al., CpG DNA induces sustained IL-12 expression in vivo and resistance to Listeria monocytogenes challenge. J Immunol. 1998 Sep 1;161(5):2428-34.	
C61	KRIEG et al., Unmethylated CpG DNA protects mice from lethal listeria monocytogenes challenge. Vaccines. 1997; 97:77-9.	
C62	KRIEG et al., Infection. In McGraw Hill Book. 1996: 242-3.	
C63	KRIEG, Lymphocyte activation by CpG dinucleotide motifs in prokaryotic DNA. Trends Microbiol. 1996 Feb;4(2):73-6.	
C64	KRIEG et al., Mechanism of action of CpG DNA. Curr Top Microbiol Immunol. 2000;247:1-21.	
C65	KUKOWSKA-LATALLO et al., Efficient transfer of genetic material into mammalian cells using Starburst polyamidoamine dendrimers. Proc Natl Acad Sci U S A. 1996 May 14;93(10):4897-902.	
C66	KURAMOTO et al., Induction of T-cell-mediated immunity against MethA fibrosarcoma by intratumoral injections of a bacillus Calmette-Guerin nucleic acid fraction. Cancer Immunol Immunother. 1992;34(5):283-8.	
C67	KURAMOTO et al., Changes of host cell infiltration into Meth A fibrosarcoma tumor during the course of regression induced by injections of a BCG nucleic acid fraction. Int J Immunopharmacol. 1992 Jul;14(5):773-82.	
C68	KURAMOTO et al., Oligonucleotide sequences required for natural killer cell activation. Jpn J Cancer Res. 1992 Nov;83(11):1128-31.	
C69	KURAMOTO et al., In situ infiltration of natural killer-like cells induced by intradermal injection of the nucleic acid fraction from BCG. Microbiol Immunol. 1989;33(11):929-40.	
C70	LEE et al., Immuno-stimulatory effects of bacterial-derived plasmids depend on the nature of the antigen in intramuscular DNA inoculations. Immunology. 1998 Jul;94(3):285-9. Abstract Only.	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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				APPLICANT: Wagner et al.			
				GROUP ART UNIT: 1614		EXAMINER: Not Yet Assigned	
Sheet	11	of	13				

C71	LETSINGER et al., Cholesteryl-conjugated oligonucleotides: synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture. Proc Natl Acad Sci U S A. 1989 Sep;86(17):6553-6.	
C72	LETSINGER et al., Synthesis and properties of modified oligonucleotides. Nucleic Acids Symp Ser. 1991;(24):75-8.	
C73	LIPFORD et al., CpG-containing synthetic oligonucleotides promote B and cytotoxic T cell responses to protein antigen: a new class of vaccine adjuvants. Eur J Immunol. 1997 Sep;27(9):2340-4.	
C74	LIPFORD et al., Immunostimulatory DNA: sequence-dependent production of potentially harmful or useful cytokines. Eur J Immunol. 1997 Dec;27(12):3420-6.	
C75	LITZINGER et al., Fate of cationic liposomes and their complex with oligonucleotide in vivo. Biochim Biophys Acta. 1996 Jun 11;1281(2):139-49.	
C76	LIU et al., CpG ODN is an effective adjuvant in immunization with tumor antigen. J Invest Med. 1997 Sept;45(7):333A.	
C77	LONSDORF et al., Intratumor CpG-oligodeoxynucleotide injection induces protective antitumor T cell immunity. J Immunol. 2003 Oct 15;171(8):3941-6.	
C78	MAGNUSSON et al., Importance of CpG dinucleotides in activation of natural IFN-alpha-producing cells by a lupus-related oligodeoxynucleotide. Scand J Immunol. 2001 Dec;54(6):543-50.	
C79	MALOY et al., Induction of Th1 and Th2 CD4+ T cell responses by oral or parenteral immunization with ISCOMS. Eur J Immunol. 1995 Oct;25(10):2835-41.	
C80	McCLUSKIE et al., CpG DNA is a potent enhancer of systemic and mucosal immune responses against hepatitis B surface antigen with intranasal administration to mice. J Immunol. 1998 Nov 1;161(9):4463-6.	
C81	McGHEE et al., The mucosal immune system: from fundamental concepts to vaccine development. Vaccine. 1992;10(2):75-88.	
C82	MESSINA et al., The influence of DNA structure on the in vitro stimulation of murine lymphocytes by natural and synthetic polynucleotide antigens. Cell Immunol. 1993 Mar;147(1):148-57.	
C83	MUI et al., Immune stimulation by a CpG-containing oligodeoxynucleotide is enhanced when encapsulated and delivered in lipid particles. J Pharmacol Exp Ther. 2001 Sep;298(3):1185-92.	
C84	OKADA et al., Bone marrow-derived dendritic cells pulsed with a tumor-specific peptide elicit effective anti-tumor immunity against intracranial neoplasms. Int J Cancer. 1998 Oct 5;78(2):196-201.	
C85	PISETSKY et al., The immunologic properties of DNA. J Immunol. 1996 Jan 15;156(2):421-3.	
C86	PISETSKY, Immunologic consequences of nucleic acid therapy. Antisense Res Dev. 1995 Fall;5(3):219-25.	
C87	PISETSKY et al., Stimulation of in vitro proliferation of murine lymphocytes by synthetic oligodeoxynucleotides. Mol Biol Rep. 1993 Oct;18(3):217-21.	
C88	PISETSKY et al., The influence of base sequence on the immunological properties of defined oligonucleotides. Immunopharmacology. 1998 Nov;40(3):199-208.	
C89	RAY et al., Oral pretreatment of mice with immunostimulatory CpG DNA induces reduced susceptibility to <i>Listeria monocytogenes</i> . Experimental Biology 2001. Orlando, Florida, USA. March 31-April 4, 2001. Abstracts, part II. FASEB J. 2001 Mar 8;15(5):A1007.	
C90	ROBERTSON et al., Crohn's trial shows the pros of antisense. Nat Biotechnol. 1997 Mar;15(3):209.	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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				APPLICANT: Wagner et al.			
				GROUP ART UNIT: 1614		EXAMINER: Not Yet Assigned	
Sheet	12	of	13				

	C91	ROMAN et al., Immunostimulatory DNA sequences function as T helper-1-promoting adjuvants. Nat Med. 1997 Aug;3(8):849-54.	
	C92	SANDS et al., Biodistribution and metabolism of internally 3H-labeled oligonucleotides. I. Comparison of a phosphodiester and a phosphorothioate. Mol Pharmacol. 1994 May;45(5):932-43.	
	C93	SATO et al., Immunostimulatory DNA sequences necessary for effective intradermal gene immunization. Science. 1996 Jul 19;273(5273):352-4.	
	C94	SATOH et al., The study of mechanisms in CpG oligodeoxynucleotides-induced aggravation in murine allergic contact dermatitis to 2,4-dinitrofluorobenzene. Fukushima Igaku Zasshi. 2002;52(3):237-50. Abstract Only.	
	C95	SINGH et al., Cationic microparticles are an effective delivery system for immune stimulatory CpG DNA. Pharm Res. 2001 Oct;18(10):1476-9.	
	C96	SJOLANDER et al., Kinetics, localization and isotype profile of antibody responses to immune stimulating complexes (iscoms) containing human influenza virus envelope glycoproteins. Scand J Immunol. 1996 Feb;43(2):164-72.	
	C97	SONEHARA et al., Hexamer palindromic oligonucleotides with 5'-CG-3' motif(s) induce production of interferon. J Interferon Cytokine Res. 1996 Oct;16(10):799-803.	
	C98	SPARWASSER et al., Bacterial DNA causes septic shock. Nature. 1997 Mar 27;386(6623):336-7.	
	C99	SPARWASSER et al., Macrophages sense pathogens via DNA motifs: induction of tumor necrosis factor-alpha-mediated shock. Eur J Immunol. 1997 Jul;27(7):1671-9.	
	C100	STEIN et al., Non-antisense effects of oligodeoxynucleotides. Antisense Technology. 1997; ch11: 241-64.	
	C101	STEIN et al., Problems in interpretation of data derived from in vitro and in vivo use of antisense oligodeoxynucleotides. Antisense Res Dev. 1994 Summer;4(2):67-9.	
	C102	SUN et al. Type I interferon-mediated stimulation of T cells by CpG DNA. J Exp Med. 1998 Dec 21;188(12):2335-42.	
	C103	THREADGILL et al., Mitogenic synthetic polynucleotides suppress the antibody response to a bacterial polysaccharide. Vaccine. 1998 Jan;16(1):76-82.	
	C104	TOKUNAGA et al., A synthetic single-stranded DNA, poly(dG,dC), induces interferon-alpha/beta and -gamma, augments natural killer activity, and suppresses tumor growth. Jpn J Cancer Res. 1988 Jun;79(6):682-6.	
	C105	TOKUNAGA et al., Synthetic oligonucleotides with particular base sequences from the cDNA encoding proteins of Mycobacterium bovis BCG induce interferons and activate natural killer cells. Microbiol Immunol. 1992;36(1):55-66.	
	C106	VLASSOV et al., In Vivo pharmacokinetics of oligonucleotides following administration by different routes. CRC Press, Inc. Chapter 5. 1995: 71-83.	
	C107	WAGNER et al., CpG motifs are efficient adjuvants for genetic vaccines to induce antigen-specific protective anti-tumor T cell responses. 2000;203:429. Abstract R46.	
	C108	WEINER et al., Immunostimulatory oligodeoxynucleotides containing the CpG motif are effective as immune adjuvants in tumor antigen immunization. Proc Natl Acad Sci U S A. 1997 Sep 30;94(20):10833-7.	
	C109	WHITESELL et al., Stability, clearance, and disposition of intraventricularly administered oligodeoxynucleotides: implications for therapeutic application within the central nervous system. Proc Natl Acad Sci U S A. 1993 May 15;90(10):4665-9.	

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	C110	WU et al., Receptor-mediated gene delivery and expression in vivo. J Biol Chem. 1988 Oct 15;263(29):14621-4.	
	C111	WYATT et al. Combinatorially selected guanosine-quartet structure is a potent inhibitor of human immunodeficiency virus envelope-mediated cell fusion. Proc Natl Acad Sci U S A. 1994 Feb 15;91(4):1356-60.	
	C112	YAMAMOTO et al., Lipofection of synthetic oligodeoxyribonucleotide having a palindromic sequence of AACGTT to murine splenocytes enhances interferon production and natural killer activity. Microbiol Immunol. 1994;38(10):831-6.	
	C113	YAMAMOTO et al., Unique palindromic sequences in synthetic oligonucleotides are required to induce IFN [correction of INF] and augment IFN-mediated [correction of INF] natural killer activity. J Immunol. 1992 Jun 15;148(12):4072-6.	
	C114	YAMAMOTO et al., [Commemorative lecture of receiving Imamura Memorial Prize. II. Mode of action of oligonucleotide fraction extracted from Mycobacterium bovis BCG] Kekkaku. 1994 Sep;69(9):571-4. Japanese.	
	C115	YAMAMOTO et al., Ability of oligonucleotides with certain palindromes to induce interferon production and augment natural killer cell activity is associated with their base length. Antisense Res Dev. 1994 Summer;4(2):119-22.	
	C116	YAMAMOTO et al., Synthetic oligonucleotides with certain palindromes stimulate interferon production of human peripheral blood lymphocytes in vitro. Jpn J Cancer Res. 1994 Aug;85(8):775-9.	
	C117	YEW et al., Contribution of plasmid DNA to inflammation in the lung after administration of cationic lipid:pDNA complexes. Hum Gene Ther. 1999 Jan20;10:223-4.	
	C118	YI et al. Rapid induction of mitogen-activated protein kinases by immune stimulatory CpG DNA. J Immunol. 1998 Nov 1;161(9):4493-7.	
	C119	YI et al., Rapid immune activation by CpG motifs in bacterial DNA. Systemic induction of IL-6 transcription through an antioxidant-sensitive pathway. J Immunol. 1996 Dec 15;157(12):5394-402.	
	C120	YI et al., IFN-gamma promotes IL-6 and IgM secretion in response to CpG motifs in bacterial DNA and oligodeoxynucleotides. J Immunol. 1996 Jan 15;156(2):558-64.	
	C121	YI et al. CpG oligodeoxyribonucleotides rescue mature spleen B cells from spontaneous apoptosis and promote cell cycle entry. J Immunol. 1998 Jun 15;160(12):5898-906.	
	C122	ZHAO et al., Pattern and kinetics of cytokine production following administration of phosphorothioate oligonucleotides in mice. Antisense Nucleic Acid Drug Dev. 1997 Oct;7(5):495-502.	
	C123	ZHAO et al., Modulation of oligonucleotide-induced immune stimulation by cyclodextrin analogs. Biochem Pharmacol. 1996 Nov 22;52(10):1537-44.	

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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